

Amendments to the Claims and Added Claims

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims

Claims 1-40 (Canceled).

Claim 41 (Currently amended): An image capture apparatus comprising:

an image capture unit adapted to capture image data;

a memory adapted to store the image data captured by the image capture unit;

an image compression unit adapted to compress the image data stored in the memory;

a control unit adapted to control the image capture apparatus using the memory; and

a refresh control unit coupled to the memory, and adapted to refresh the memory,

wherein the image capture apparatus further comprises an arbitration unit adapted to assign a higher priority to a process of accessing providing image data from the image capture unit to the memory than a process of refreshing the memory, and to assign a higher priority to a process of refreshing the memory than a process of accessing from the image compression unit to the memory providing image data from the memory to the image compression unit, and to assign a higher priority to a process that the control unit uses the memory than a process of providing image data from the memory to the image compression unit until a predetermined time is elapsed after the memory is refreshed.

Claim 42 (Canceled).

Claim 43 (Previously presented): An image capture apparatus according to claim 41, wherein the image capture apparatus is an electronic camera.

Claims 44-46 (Canceled).

Claim 47 (Currently amended): An image capture apparatus comprising:

an image capture unit adapted to capture image data;

a memory adapted to store the image data captured by the image capture unit;

an image processing unit adapted to process the image data stored in the memory;

a control unit adapted to control the image capture apparatus using the memory; and

a refresh control unit coupled to the memory, and adapted to refresh the memory,

wherein the image capture apparatus further comprises an arbitration unit adapted to assign a higher priority to a process of accessing providing image data from the image capture unit to the memory than a process of refreshing the memory, ~~and~~ to assign a higher priority to a process of refreshing the memory than a process of ~~accessing from the image processing unit to the memory~~ providing image data from the memory to the image processing unit, and to assign a higher priority to a process that the control unit uses the memory than a process of providing image data from the memory to the image processing unit until a predetermined time is elapsed after the memory is refreshed.

Claim 48 (Currently amended): An image capture apparatus according to claim 47, further comprising:

an image compression unit adapted to compress the image data stored in the

memory,

wherein the arbitration unit also adapted to assign a higher priority to a process of refreshing the memory than a process of ~~accessing from the image compression unit to the memory~~ providing image data from the memory to the image compression unit.

Claim 49 (Previously presented) An image capture apparatus according to claim 47, wherein the image processing unit is adapted to change a size of the image data.

Claim 50 (Currently amended): An image capture apparatus according to claim 47, wherein the image ~~processing~~ capture apparatus is an electronic camera.

Please add claims 51-57 as follows:

Claim 51 (New): An image capture apparatus according to claim 41, further comprising:

an image display unit adapted to display the image data stored in the memory on display apparatus,

wherein the arbitration unit also adapted to assign a higher priority to a process of providing image data from the memory to the image display unit than a process of refreshing the memory.

Claim 52 (New): An image capture apparatus according to claim 51, wherein the image capture apparatus is an electronic camera.

Claim 53 (New): An image capture apparatus according to claim 47, further comprising:

an image display unit adapted to display the image data stored in the memory on display apparatus,

wherein the arbitration unit also adapted to assign a higher priority to a process of providing image data from the memory to the image display unit than a process of refreshing the memory.

Claim 54 (New): An image capture apparatus according to claim 53, wherein the image capture apparatus is an electronic camera.

Claim 55 (New): An image capture apparatus according to claim 48, further comprising:
an image display unit adapted to display the image data stored in the memory on display apparatus,

wherein the arbitration unit also adapted to assign a higher priority to a process of providing image data from the memory to the image display unit than a process of refreshing the memory.

Claim 56 (New): An image capture apparatus according to claim 55, wherein the image processing unit is adapted to change a size of the image data.

Claim 57 (New): An image capture apparatus according to claim 56, wherein the image capture apparatus is an electronic camera.